

CLAIMS

What is claimed is:

1. A control device for a plastics processing machine, in particular for an injection molding machine, having machine components to be controlled, comprising:
 - a controller operatively coupled to the machine components;
 - at least one machine interface adapted to communicate operating signals and status signals between the controller and the machine components;
 - stationary controls for displaying status signals and for entering operating signals, and
 - a communication device adapted to exchange via a wireless communication network operating information and status information between the controller and a remote input/output device.
2. The control device of claim 1, wherein the communication device is formed as an interface between the controller and the wireless communication network and converts the status signals into the status information having a data format compatible with the wireless communication network, and the operating information having a data format compatible with the wireless communication network into the operating signals.

3. The control device of claim 1, wherein the communication device includes a device for speech recognition.
4. The control device of claim 1, wherein the communication device includes a device for speech generation.
5. The control device of claim 1, wherein the communication device transmits and receives the status and operating information in an Internet-compatible protocol.
6. A control system for a plastics processing machine, in particular for an injection molding machine, having machine components to be controlled, comprising:
 - a remote data input/output device;
 - a controller operatively coupled to the machine components;
 - at least one machine interface adapted to communicate operating signals and status signals between the controller and the machine components;
 - stationary controls for displaying status signals and for entering operating signals, and
 - a communication device adapted to exchange via a wireless communication network operating information and status information between the controller and the input/output device.

7. The control system of claim 6, wherein the input/output device is selected from the group consisting of a mobile telephone, a handheld computer and an electronic terminal.
8. The control system of claim 7, wherein the mobile telephone and one of the handheld computer and the electronic terminal are combined into a single unit.
9. A plastics processing machine, in particular for an injection molding machine, having machine components to be controlled, comprising:
 - a controller operatively coupled to the machine components;
 - at least one machine interface adapted to communicate operating signals and status signals between the controller and the machine components;
 - stationary controls for displaying status signals and for entering operating signals, and
 - a communication device adapted to exchange via a wireless communication network operating information and status information between the controller and a remote input/output device.
10. The plastics processing machine of claim 10, wherein the status and operating signals are transmitted between the remote data input/output device and the communication device via the wireless communication network.